



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven Knowles et al.                      Art Unit : 3753  
Serial No. : 10/643,091                                      Examiner : Michalsky  
Filed : August 19, 2003  
Title : SERVICE SYSTEM AND METHOD

U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, **Mail Stop AF**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**TERMINAL DISCLAIMER UNDER 37 CFR §§3.73(b) AND 1.321(c)**

Pursuant to 37 CFR §3.73(b), PRIME SOLUTIONS LLC, certifies that it is the assignee of the entire right, title, and interest in the above application by virtue of an assignment from the inventors of a priority application of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012976, Frame 0972 on June 10, 2002.

Prime Solutions LLC, also certifies that it is the assignee of U.S. Patent No. 6,742,535, by virtue of an assignment recorded in the Patent and Trademark Office at Reel 011542, Frame 0214 on February 20, 2001. A copy of each assignment is enclosed for reference.

The undersigned has reviewed all the documents in the chain of title of the above-identified application and to the best of undersigned's knowledge and belief, title is in Prime Solutions LLC.

The undersigned is empowered to act on behalf of the assignee.

Pursuant to 37 CFR §1.321(c), and to obviate a double patenting rejection, the assignee identified above hereby waives and disclaims the terminal portion of the term of the entire patent to be granted upon the above identified application subsequent to the expiration date of U.S. Patent No. 6,742,535, whereby the patent granted on this application and U.S. Patent No. 6,742,535, will expire on the same day, provided that any patent granted on the above identified application shall be enforceable only for and during such period that it is commonly owned with U.S. Patent No. 6,742,535.

The assignee identified above does not disclaim any terminal part of any patent granted on the above identified application prior to the expiration date of the full statutory term of U.S. Patent No. 6,742,535, in the event that it later: expires for failure to pay a maintenance fee, is

Applicant : Terrence D. Kalley, et al.  
Serial No. : 10/465,778  
Filed : June 20, 2003  
Page : 2 of 2

Attorney's Docket No.: 14919.0054 C1

held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal title as stated above. Assignee herein does not disclaim or otherwise affect any part of U.S. Patent No. 6,742,535.

This disclaimer runs with any patent granted on the above application and is binding upon the grantee, its successors or assigns.

Enclosed is a check for the required fee. Please charge any additional fees, or make any credits, to Deposit Account No. 19-4293, referencing Attorney Docket No. 14921.0011 C1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: 11-29-04



Harold H. Fox  
Reg. No. 41,498

Steptoe & Johnson LLP  
1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Phone: 202-429-3000  
Fax: 202-429-3902



KJM

AUGUST 13, 2002

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

FISH & RICHARDSON P.C.  
HAROLD H. FOX  
1425 K STREET, N.W.  
11TH FLOOR  
WASHINGTON, DC 20005-3500



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REPEPENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/10/2002

REEL/FRAME: 012976/0972  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KNOWLES, STEVEN M.

DOC DATE: 03/07/2002

ASSIGNOR:  
BURKE, JOHN R.

DOC DATE: 01/29/2002

ASSIGNEE:  
PRIME SOLUTIONS LLC  
1738 MAPLELAWN DRIVE  
TROY, MICHIGAN 48084

SERIAL NUMBER: 09817139  
PATENT NUMBER:

FILING DATE: 03/27/2001  
ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

* No Docketing Required *	
Reviewed By	Practice Systems
Initials:	<i>[Signature]</i>
Reviewed By	Billing Secretary
Initials:	

FISH & RICHARDSON

AUG 19 2002



06-14-2002

Substitute Form PTO-1595  
Attorney Docket No.: 10765-011001

RE



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102122485

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Steven M. Knowles and John R. Burke Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Prime Solutions LLC 1738 Maplelawn Drive Troy, MI 48084 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 01/29/02; 03/07/02	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/817,139 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: HAROLD H. FOX Fish & Richardson P.C. 1425 K Street, N.W. 11th Floor Washington, DC 20005-3500	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR \$3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Harold H. Fox Reg. No. 41,498 Name of Person Signing  Signature  Date 6-10-02	
Total number of pages including coversheet, attachments and document: 4	

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06/13/2002 EMUELLER 00000125 09817139

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ASSIGNMENT

For valuable consideration, we, STEVEN M. KNOWLES of Silver Lake, IN, and JOHN R. BURKE of Troy, MI, hereby assign to: Prime Solutions LLC, a Michigan corporation and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SERVICE SYSTEM AND METHOD, filed March 27, 2001, and assigned U.S. Serial Number 09/817,139, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Wabash Co. Farm Bureau Credit Union  
NORTH MANCHESTER, IN  
this 7<sup>th</sup> day of March, 2002  
Steven M. Knowles L.S.  
STEVEN M. KNOWLES

State of INDIANA :

: ss.

County of WABASH :

Before me this 7<sup>th</sup> day of March, 2002, personally  
appeared STEVEN M. KNOWLES known to me to be the person whose name is subscribed to  
the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.

[Signature]  
Notary Public

My Commission Expires: 2/10/2007

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 1738 Maplelawn Troy, MI 48064  
this 29th day of January, 2002

John R. Burke L.S.  
JOHN R. BURKE

State of Michigan :

: ss.

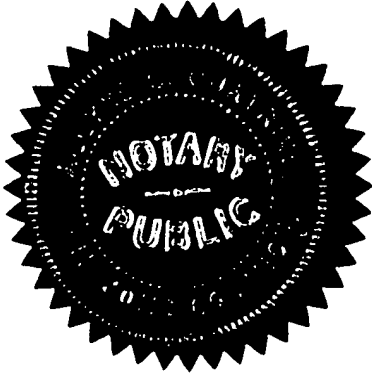
County of Oakland :

Before me this 29th day of January, 2002, personally  
appeared JOHN R. BURKE known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Allyne C. Quatrone  
Notary Public

My Commission Expires:

ALLYNE C. QUATRINE  
NOTARY PUBLIC MACOMB CO., MI  
MY COMMISSION EXPIRES Mar 7, 2005





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 08, 2001

FISH & RICHARDSON P.C.  
HAROLD H. FOX  
601 13TH ST., NW  
WASHINGTON, DC 20005



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10765-008001

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/20/2001

REEL/FRAME: 011542/0214  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KNOWLES, STEVEN M.

DOC DATE: 01/31/2001

ASSIGNOR:  
BURKE, JOHN R.

DOC DATE: 01/04/2001

ASSIGNEE:  
PRIME SOLUTIONS LLC  
1738 MAPLELAWN DRIVE  
TROY, MICHIGAN 48084

SERIAL NUMBER: 09697723  
PATENT NUMBER:

FILING DATE: 10/27/2000  
ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

* No Docketing Required *	
Reviewed By Practice Systems	
Initials:	<i>SP</i>
Reviewed By Billing Secretary	
Initials:	<i>NPC</i>



03-05-2001

Substitute Form PTO-1595  
Attorney Docket No.: 10765-008001

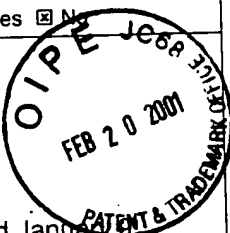


REC



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101626017

2.70.01

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <b>Steven M. Knowles and John R. Burke</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>Prime Solutions LLC</b> <b>1738 Mapelawn Drive</b> <b>Troy, MI 48084</b> Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <b>January 31, 2001 and January 2001</b>	 
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <b>09/697,723</b> B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: <b>HAROLD H. FOX</b> <b>Fish &amp; Richardson P.C.</b> <b>601 Thirteenth Street, NW</b> <b>Washington, DC 20005</b>	6. Total number of applications/patents involved: <b>1</b> 7. Total fee (37 CFR §3.41): <b>\$40</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: <b>06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div> <b>Harold H. Fox</b>  <b>Reg. No. 41,498</b>            Name of Person Signing         </div> <div>             Signature         </div> <div> <b>2-7-01</b>            Date         </div> </div>	
Total number of pages including coversheet, attachments and document: <b>4</b>	

## ASSIGNMENT

For valuable consideration, we, STEVEN M. KNOWLES of 13520 North 700 West, Silver Lake, Indiana, 46982, and JOHN R. BURKE of 51992 Boland, New Baltimore, Michigan 48087, hereby assign to PRIME SOLUTIONS LLC, a MICHIGAN limited liability corporation having a place of business at 1738 Maplelawn Drive, Troy MI 48084; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD AND APPARATUS FOR SERVICING A FLUID SYSTEM, filed October 27, 2000, and assigned U.S. Serial Number 09/697,723, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at North Manchester, IN  
this 31<sup>st</sup> day of January, 2001  
Steven M. Knowles L.S.  
STEVEN M. KNOWLES

State of INDIANA :  
: ss.

County of WABASH :

Before me this 31<sup>st</sup> day of JANUARY, 2001, personally  
appeared STEVEN M. KNOWLES known to me to be the person whose name is subscribed to  
the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.

Jennifer J. Myer  
Notary Public JENNIFER J. MYER  
My Commission Expires: Notary Public, State of Indiana  
County of Fulton  
My Commission Expires 02/10/2007

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Troy, Michigan,  
this 4<sup>th</sup> day of JANUARY, 2001

John R. Burke L.S.  
JOHN R. BURKE

State of Michigan :  
: ss.

County of Macomb :

Before me this 9<sup>th</sup> day of January, 2001, personally  
appeared JOHN R. BURKE known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

Allyne C. Quatrone  
Notary Public

My Commission Expires: 03-07-2001

ALLYNE C. QUATRONE  
NOTARY PUBLIC - MACOMB COUNTY, MI  
MY COMMISSION EXP. 03/07/2001